

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

ORIGINAL Form 3

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Illinois Commerce Commission
RAIL SAFETY SECTION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

T00-0111

X-11349A

Date: April 15, 2002

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Installation of Grade Crossing Warning Devices requested by Illinois Department of Transportation

at: 57th. & 59th. Street Connector in Belleville, St. Clair County, Illinois, DOT: 724 576E.

Milepost: 13.20 W. (New Crossing)

File No. 061-04.036

Project No. 04.0519

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company

By



R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler
(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191
(Attorney's Address)

DUCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number 724 576E
3. Village or City Belleville
4. Name of Street or Highway 57th. & 59th. Street Connector
5. Public Agency Maintaining Highway City
6. Protection now established:
Crossing does not existing. New crossing.
7. Protection desired:
Install grade crossing warning devices consisting of Flashing Light Crossing Signals with
Gates controlled by constant warning time detection devices.
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
6 a.m. to 6 p.m. Eight 6 p.m. to 6 a.m. Eight
11. Approximate number of switch movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
12. Maximum speed of trains at crossing on each track in each direction:
North/East 60 M.P.H.
South/West 60 M.P.H.
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

Unknown

16. In addition to the information listed herein before in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawing attached for question no. 16


(File Original and Two Duplicates)

VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator – Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.

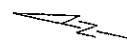

Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 15
day of April 20 02.


Notary Public (Georgia) or Witness

My Commission Expires: _____

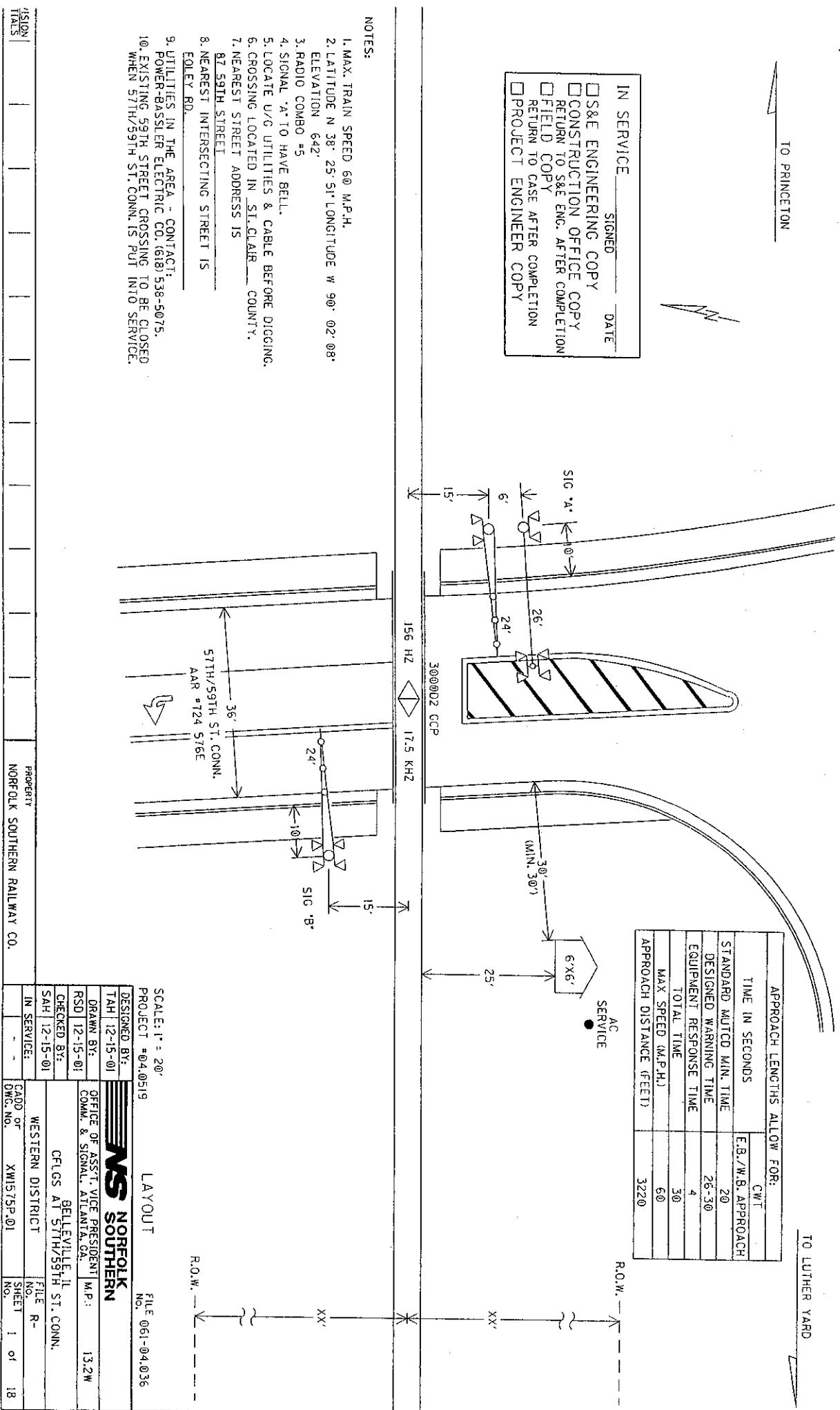
TO PRINCETON



| | | |
|--|--------|------|
| IN SERVICE | SIGNED | DATE |
| <input type="checkbox"/> S&E ENGINEERING COPY | | |
| <input type="checkbox"/> CONSTRUCTION OFFICE COPY | | |
| <input type="checkbox"/> RETURN TO S&E ENG. AFTER COMPLETION | | |
| <input type="checkbox"/> FIELD COPY | | |
| <input type="checkbox"/> RETURN TO CASE AFTER COMPLETION | | |
| <input type="checkbox"/> PROJECT ENGINEER COPY | | |

NOTES:

1. MAX. TRAIN SPEED 60 M.P.H.
2. LATITUDE N 38° 25' 51" LONGITUDE W 90° 02' 08" ELEVATION 642'
3. RADIO COMBO #5
4. SIGNAL "A" TO HAVE BELL.
5. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
6. CROSSING LOCATED IN ST. CLAIR COUNTY.
7. NEAREST STREET ADDRESS IS 87 59TH STREET
8. NEAREST INTERSECTING STREET IS FOLEY RD.
9. UTILITIES IN THE AREA - CONTACT: POWER-BASSLER ELECTRIC CO. (618) 538-5075.
10. EXISTING 59TH STREET CROSSING TO BE CLOSED WHEN 57TH/59TH ST. CONN. IS PUT INTO SERVICE.



Detailed Estimate for Grade Crossing Warning Devices

City/State: BELLEVILLE, IL
MilePost: 13.2-W
State Proj. No.: T00-0111
S&E Proj. No.: 04.0519
Man Days: 96

Road: 57th/59th ST. CONN.
DOT/AAR: 724576E
County: ST. CLAIR
AFE: F00568
File Number: 061-04.036

*****Purchases - Other*****

| | | |
|---|-------------|-------------|
| Meals and Lodging: | \$7,650.00 | |
| Rental of Equipment: | \$16,730.00 | |
| (2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 24 Days) | | |
| Construction Supervision Vehicle: | \$310.00 | |
| Contingencies: | \$550.00 | |
| Purchases - Other Total: | | \$25,240.00 |

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***** Material and Additives*****

| | | |
|----------------------------|-------------|-------------|
| Material Cost: | \$67,760.00 | |
| Sales and Use Tax: | \$3,390.00 | |
| Material Handling Freight: | \$6,440.00 | |
| Material Total: | | \$77,590.00 |

*****Labor and Additives*****

| | | |
|---|-------------|--------------|
| Labor Cost: | \$19,680.00 | |
| (4 man crew at \$820.00 a day for: 24 days) | | |
| Payroll Tax & Overheads: | \$17,040.00 | |
| Preliminary Engineering: | \$7,690.00 | |
| Construction Supervision: | \$5,560.00 | |
| Labor Total: | | \$49,970.00 |
| Subtotal: | | \$152,800.00 |
| Credit: | | \$0.00 |
| (Salvage/Scrap) | | |
| Project Total: | | \$152,800.00 |

Estimated on: 26-Jun-02

Estimated by: epkfr

Estimate valid for 1 year from date of estimate



Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

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Illinois Commerce Commission
RAIL SAFETY DIVISION

| | |
|---|---------------------|
| City: | BELLEVILLE |
| Road: | 57TH/59TH ST. CONN. |
| Milepost: | 13.2-W |
| Drawing Number: | XW1575P |
| State Project Number: | T00-0111 |
| County: | ST. CLAIR |
| A A R Number: | 724576E |
| Project Number: | 04.0519 |
| File Number: | 061-04.036 |
| A F E Number: | F00568 |
| Store Number: | |
| Supervisor: | J.E. BROWNE |
| Tax Code: | 1200 |
| Vendor to supply the following copies after pricing: 1 Set - Material Management with original invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/ copy of invoice | |

26-Jun-02

Store No.: P.O. Number: Date Required: Date Shipped: Vendor: Railroad Signal Design

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Installed Date Quan. | Quantity Installed Date Quan. | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|-------------|--|------------------|-------------------------------------|-------------------------------------|-------------------------------|----------------------|
| 3 | 670-360693-4 | EA | \$4.82 | \$14.46 | AARDOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT, 60 DAY LEAD TIME, SUPPLIED BY STRAN | | | | | |
| 1 | 165-006505-4 | EA | \$944.48 | \$944.48 | AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE | | | | | |
| 1 | 670-005787-4 | EA | \$47.43 | \$47.43 | ADAPTER, BELL WITH SET SCREW 4" TO 12", MODERN 54-00153 SAFETRAN 35062-X, PRE-WIRED | | | | | |
| 2 | 670-520496-4 | EA | \$27.30 | \$54.61 | ARC SUPPRESSOR WITH DIODE, SAFETRAN PART# 8A299, BAKELITE BASE 023612-X, USE WITH SSCIII | | | | | |
| 1 | 670-365149-4 | EA | \$2,821.51 | \$2,821.51 | ARM, CANTILEVER 26' (NEW) SAFETRAN# 071400-SR26 | | | | | |
| 2 | 670-001404-4 | EA | \$326.77 | \$653.54 | ARM, GATE FIBERGLASS-ALUMINUM 25-31 FT. L&W OR US&S OR SAFETRAN 076600-320017 OR | | | | | |
| 17 | 165-021628-4 | EA | \$7.61 | \$129.44 | ARRESTER, LIGHTNING CLEARVIEW W/O BASE USS PART N451552-0201 SAFETRAN PART @022485-28X CR02-025565 | | | | | |
| 18 | 165-021636-4 | EA | \$16.82 | \$302.84 | ARRESTER, LIGHTNING 3 POST PORCELAIN BASE SSC#022485-33X | | | | | |
| 2 | 670-043532-4 | EA | \$8.60 | \$17.19 | ASSEMBLY, COUNTERWEIGHT CLAMP & ROLLER, SAFETRAN #070925-X (included w/stran cov pkages, order with US&S counterwts only.) | | | | | |
| 13 | 105-871901-4 | EA | \$154.22 | \$2,004.81 | BATTERY, GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS | | | | | |
| 1 | 670-503047-4 | EA | \$185.75 | \$185.75 | BELL, CROSSING ELECTRONIC GENERAL SIGNAL, EB-3-360-5 CR 02-044350 | | | | | |
| 18 | 670-005125-4 | EA | \$2.11 | \$37.95 | BLOCK, TERMINAL BAKELITE FOR MOUNTING LIGHTING ARRESTOR EQUALIZER OR RESISTANCE UNIT | | | | | |
| 2 | 670-052960-4 | EA | \$6.32 | \$12.65 | BLOCK, TERMINAL MULTUNIT OF 6 WITH CONNECTORS HARMON 0250094-000 | | | | | |
| 8 | 670-058281-4 | EA | \$11.25 | \$89.98 | BLOCK, UNIVERSAL TERMINAL OF 12 SINGLE POST SAFETRAN 023390-11X, W-C 2508-112E W-NUTS & WASHERS CR 02-048757 | | | | | |

Location: BELLEVILLE

IL

S&E Proj. No.: 04.0519

AFE No.: F00568

Drawing No.: XW1575P

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Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor : Railroad Signal Design

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Date Quan. | Quantity Date Quan. | Quantity Date Quan. | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|-------------------|-------------|---|---------------------|---------------------------|---------------------------|---------------------------|----------------------------------|-------------------------|
| 2 | 670-004691-4 | EA | \$59.03 | \$118.06 | BLOCK, TERMINAL 14 WAY SAFETRAN PN 051883-18X1 FOR MOUNTING IN RELAY SLOT | | | | | | |
| 2 | 670-012675-4 | EA | \$54.94 | \$109.87 | BRACKET CASTING, BREAKAWAY FOR ALUM/FIB ARM. NEG 385102ADP/6. GOES WITH 670-012659-4 FOR GATES > 28' | | | | | | |
| 2 | 670-012659-4 | EA | \$134.59 | \$269.17 | BRACKET, ALSO ORDER 670-012675-4 NEG 385102-175 FIB-ALUM. GATE ARM CONVER. ASSM INC. ADAPT. CASTING. FOR GATES > 28'. BRACKET, HIGH WIND SUPPORT HARMON @54-00139, SERRMI @50044 SAFETRAN 076203-518X | | | | | | |
| 2 | 670-000977-4 | EA | \$57.98 | \$115.95 | CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR | | | | | | |
| 300 | 465-292862-4 | LF | \$1.00 | \$300.87 | CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL | | | | | | |
| 500 | 465-292929-4 | LF | \$3.00 | \$1,499.30 | CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL | | | | | | |
| 500 | 465-939422-4 | LF | \$2.56 | \$1,279.25 | CABLE, UG 3CD NUMBER 6 FOR HIGH CURRENT AC POWER OKONITE 206-11-6-243 | | | | | | |
| 300 | 465-277674-4 | FT | \$2.80 | \$841.23 | CHARGER, BATTERY CRAAG MODEL 20 EC-12V 20 AMP TEMP COMPENSATED | | | | | | |
| 2 | 670-477629-4 | EA | \$478.44 | \$956.88 | CONDUIT, 4"x10" PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4 | | | | | | |
| 120 | 165-544477-4 | FT | \$2.00 | \$239.47 | CONDUIT, PVC CASE OUTLET 4 IN. X 29-1/2 IN. SCHEDULE-80 WITH 4 IN. COUPLING, CARLON E940N, | | | | | | |
| 3 | 165-299316-4 | EA | \$16.89 | \$50.66 | CONNECTOR, WELDED FAR RAIL HARMON A1000-2W | | | | | | |
| 2 | 670-090450-4 | EA | \$49.62 | \$99.25 | CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W | | | | | | |
| 2 | 670-486646-4 | EA | \$40.66 | \$81.32 | CONTROLLER, S.S.C. III 20A SOLID STATE STRAN PART#9000-91166-0001 | | | | | | |
| 1 | 670-314147-4 | EA | \$2,198.57 | \$2,198.57 | | | | | | | |

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CAR NUMBER

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Location: BELLEVILLE IL S&E Proj. No.: 04.0519

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Store No.:

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Date Required:

Date Shipped:

Vendor : Railroad Signal Design

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Installed | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|-------------|---|------------------|--------------------|----------------------------|----------------------|
| 2 | 670-794453-4 | EA | \$864.30 | \$1,708.61 | COUNTERWEIGHT PKAGE, 25-31 GATE STAN S- MECH ONLY, STAINLESS TO INCLUDE HUB, SUPPORT ARMS | | | | |
| 6 | 670-760012-4 | EA | \$34.90 | \$209.39 | COVER, FOR 1 WAY FLASHING LIGHT ASSY. 18 OZ. BLACK VINYL COATED NYLON. === TO COVER 2 LAMPS=== | | | | |
| 3 | 670-086337-4 | EA | \$0.73 | \$2.18 | DECAL, XING SIGNAL MALFUNCTION 11" X 4", GATE MOUNT | | | | |
| 4 | 670-077544-4 | EA | \$0.54 | \$2.17 | DECAL, XING SIGNAL MALFUNCTION 6" X 6", MAST MOUNT | | | | |
| 1 | 670-986650-4 | EA | \$361.26 | \$361.26 | DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING XING EQUIPMENT CONTAINER | | | | |
| 6 | 670-228165-4 | EA | \$10.73 | \$64.35 | EQUALIZER, SAFETRAN 022700-1X LESS BASE, MODERN NO. 700-1 SHUNT ARRESTER TRACK CIRCUITS CR 02-197950 | | | | |
| 1 | 670-000004-4 | EA | \$281.44 | \$281.44 | FCC LICENSE FOR MONITOR/RADIO | | | | |
| 2 | 670-000003-4 | EA | \$255.85 | \$511.70 | FIL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST | | | | |
| 1 | 670-007080-4 | EA | \$36.56 | \$36.56 | FILLER, FOUNDATION CFS ORDER 1 PER W CANTILEVER SAFETRAN #071302-500X | | | | |
| 1 | 670-744631-4 | EA | \$2,399.87 | \$2,399.87 | FOUNDATION, CFS FOR SAFETRAN MODEL "W" ARMS 12' TO 26' SINGLE MAST, DIXIE# S-10-3WS-C, 5'10" CR 02-2059902 | | | | |
| 2 | 670-015231-4 | EA | \$381.69 | \$763.37 | FOUNDATION, DIXIE, S-2 GATE 5'6" ASSEMBLED | | | | |
| 1 | 670-477991-4 | EA | \$292.81 | \$292.81 | KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS, 200#4 WIRE, 12 4 WIRE ONE-SHOTS, ERICO SBK206 | | | | |
| 1 | 670-123298-4 | EA | \$225.10 | \$225.10 | KIT, HARDWARE SUPPLIES REQUIRED XING PKAGES, WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS, P/GUM PAINT, SLEEVES, TAGS, GLUE, 100 EA WHITE TAGS, JNE CAN BLUE MARKING PAINT ETC... | | | | |
| 1 | 670-376668-4 | EA | \$470.76 | \$470.76 | LAMP ASSY, 12" MAST MTG, 1 W IND. (NEW) FOR WNS 20" BKGRD, FLX-12 W/BLUB STRAN #042003-001527 | | | | |

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CAR NUMBER

SEAL NUMBER

Location: BELLEVILLE IL

S&E Proj. No.: 04.0519

AFE No.: F00568

Drawing No.: XW1575P

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Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor : Railroad Signal Design

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Installed | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|-------------|--|------------------|--------------------|----------------------------|----------------------|
| 1 | 670-438979-4 | EA | \$883.71 | \$883.71 | LAMP ASSY, 4" JURY MAST MTG. 2W IND. FOR (NEW) FOR WNS CANT. 20" BKGRD, FLX-12 W/BULB STRAN #042003-001530 | | | | |
| 1 | 670-816589-4 | EA | \$540.76 | \$540.76 | LAMP ASSY, 5" MAST MTG. 1W IND. 20" BKGRD, BACK LTS, FLX-12W/BULB STRAN # 042003-001493 | | | | |
| 1 | 670-764166-4 | EA | \$907.09 | \$907.09 | LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB STRAN #042003-487XNS | | | | |
| 6 | 165-643547-4 | EA | \$8.43 | \$50.60 | LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/ISC CLEAR RWY SIGNAL UJ-71463 GE | | | | |
| 40 | 670-440826-4 | EA | \$1.01 | \$40.53 | LINK, SAFETRAN 024620-1X INSL TESTING COMP 1 IN CENTER SIGNAL CIRCUITS CR 02-286662 | | | | |
| 9 | 255-590880-4 | EA | \$15.62 | \$140.55 | LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D466 AND STAMPED "NS SIG" | | | | |
| 1 | 670-293664-4 | EA | \$4,891.85 | \$4,891.85 | MAST, 12" WNS ALUMINUM (NEW '97) FOR 21' TO 26' CANT. ARM. NO PKAGE NEEDED SAFETRAN# 071465-SR26X V688. | | | | |
| 2 | 670-637778-4 | EA | \$1,055.55 | \$2,111.09 | MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE, STRAN P# 070519-11AX. | | | | |
| 2 | 670-521147-4 | EA | \$2,932.81 | \$5,865.62 | MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY STRAN # 074000-W00090 | | | | |
| 2 | 670-700469-4 | EA | \$1,128.30 | \$2,256.60 | MODULE, MULTI FREQUENCY ISLAND SAFETRAN #80211 FOR 3000GCP | | | | |
| 1 | 670-499590-4 | EA | \$2,923.80 | \$2,923.80 | MONITOR, HIGHWAY XING, (DEMA-NS8NR-#M) W/DUAL SENSOR, NO RADIO, INCLUDES WIRING AND INSTALLATION | | | | |
| 1 | 670-001347-4 | EA | \$57.98 | \$57.98 | PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRAMI A1250-5, HARMON @200965-000, OR | | | | |
| 1 | 255-646807-4 | EA | \$9.49 | \$9.49 | PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX | | | | |
| 1 | 670-802995-4 | EA | \$71.23 | \$71.23 | PANEL, BLANK 8" x 23" FOR RACK MOUNTING BACK BOARD EQUIPMENT STRAN #038243-103591 | | | | |

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SEAL NUMBER

Location: BELLEVILLE IL S&E Proj. No.: 04.0519

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Store No.: P.O. Number:

Date Required:

Date Shipped:

Vendor: Railroad Signal Design

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Installed | | | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|-------------|--|------------------|--------------------|-------|-------|----------------------------|----------------------|
| | | | | | | | Date | Date | Date | | |
| | | | | | | Quan. | Quan. | Quan. | Quan. | | |
| 2 | 670-514605-4 | EA | \$8.43 | \$16.87 | PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X | | | | | | |
| 1 | 670-014176-4 | EA | \$11,754.77 | \$11,754.77 | PREDICTOR, GRADE CROSSING 3000D2 1 TRACK, SAFETRAN #80100-101-0 DUAL UNIT, NO ISLAND | | | | | | |
| 1 | 165-018461-4 | EA | \$128.60 | \$128.60 | PROTECTOR, 12VDC, AAR MOUNT LPC 10593-9 LIGHTNING PROTECTION CORP. | | | | | | |
| 1 | 165-018469-4 | EA | \$109.76 | \$109.76 | PROTECTOR, 28VDC LPC 10593-1 | | | | | | |
| 2 | 165-103293-4 | EA | \$44.47 | \$88.93 | PROTECTOR, LIGHTNING & SURGE LPC 10560-51, 3 ELECTRODE WITH SPADE TERMINAL | | | | | | |
| 1 | 670-166532-4 | EA | \$140.72 | \$140.72 | PROTECTOR, SURGE 3-WIRE PLUS GRD 120/240 JOSLYN ELECTRONICS 1259-21-A FOR I/S AC BREAKER PANEL | | | | | | |
| 1 | 670-015628-4 | EA | \$266.80 | \$266.80 | RACK, BARE ALUMINUM, FOR MTG. XING EQUIPMENT. | | | | | | |
| 1 | 610-352470-4 | EA | \$365.87 | \$365.87 | RADIO, RITRON, FREQUENCY COMBO #5, CH 1 = 160.440MHZ, CH 2 = 161.250MHZ. | | | | | | |
| 4 | 465-002899-4 | EA | \$20.88 | \$83.51 | REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES | | | | | | |
| 2 | 180-662001-4 | EA | \$108.57 | \$217.15 | RESISTOR, SAFETRAN 029258-50 A2X SEALED TAP TYPE 2.5 OHMS 4.47 MAXIMUM AMPS (LIGHTING) | | | | | | |
| 1 | 670-786834-4 | EA | \$6,706.00 | \$6,706.00 | SHELTER, BARE 6X6 ALUMINUM W/FARADAY, SAFETRAN P/N 058400-66-78, W/ADJ. PIERS 4 GND LUGS W/48" #4 SOLID COPPER PIGTAIL, 2 SHELVES, 3 TAG BOARDS/SHELF, AND ONE 3' FARADAY SHIELD | | | | | | |
| 3 | 670-793474-4 | EA | \$14.40 | \$43.20 | SHIELD, GROUND (SERRM# 61223) FOR GROUNDING 12-WAY TERMINAL BLOCK | | | | | | |
| 6 | 670-798192-4 | EA | \$5.20 | \$31.20 | SHIELD, GROUND (SERRM# 61224) FOR GROUNDING R.H. 3-POST TERMINAL BLOCK | | | | | | |
| 4 | 670-809896-4 | EA | \$5.20 | \$20.80 | SHIELD, GROUND (SERRM# 61224-1) FOR GROUNDING L.H. 3-POST TERMINAL BLOCK | | | | | | |

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Order No.: P.O. Number: Date Required: Date Shipped: Vendor: Railroad Signal Design

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Installed | | | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|----------------------------|---|------------------|--------------------|-------|-------|----------------------------|----------------------|
| | | | | | | | Date | Date | Date | | |
| | | | | | | | Quan. | Quan. | Quan. | | |
| 2 | 670-586967-4 | EA | \$34.74 | \$69.49 | SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT | | | | | | |
| 2 | 670-645460-4 | EA | \$526.00 | \$1,051.99 | SHUNT, MULTI-FREQ. #62775-8621 SAFETRAN NARROW BAND | | | | | | |
| 2 | 670-806648-4 | EA | \$56.42 | \$112.84 | SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546 | | | | | | |
| 2 | 670-353390-4 | EA | \$43.04 | \$86.09 | SIGN, "2 TRACKS" LESS HARDWARE SAFETRAN 035207-2X | | | | | | |
| 2 | 670-006438-4 | EA | \$10.54 | \$21.08 | TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN, ONLY IN IA, IN, IL, AL. 035200-555X | | | | | | |
| 1 | 670-330382-4 | RL | \$10.75 | \$10.75 | TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING" | | | | | | |
| 21 | 670-007238-4 | EA | \$137.14 | \$2,879.85 | UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT- | | | | | | |
| | | | | Total Material \$67,763.20 | | | | | | | |